

**RECEIVED
CENTRAL FAX CENTER**

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

SEP 08 2008

-Page 2-

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 3-

12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Cancelled)
22. (Cancelled)
23. (Currently Amended) A panel unit as claimed in claim [[22]] 24, wherein said cap member is made from a plastic material.
24. (Previously Presented) A panel unit as claimed in claim 62 wherein said connector comprises a connector assembly for use in securing said first panel member to a transverse tie member, said connector assembly comprising:

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 4-

- (a) a cap member having a flange cap portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to an end portion of a tie member; and
- (b) a bushing member having a flange portion and an axially aligned shaft portion with an end opposite to said flange portion, said bushing member having a continuous cavity formed in and passing through said flange portion and said shaft portion;

said shaft portion of said cap member being receivable axially into said continuous cavity of said bushing member through said flange portion toward said end of said shaft portion for releasable engagement with said end of said tie member extending through said end of said bushing member into said continuous cavity; and

said flange portion of said bushing having at least one aperture passing therethrough, said aperture and having an opening for permitting the fluid communication of flowable concrete into said aperture, said aperture being configured such that when concrete flows into and hardens in said aperture, said hardened concrete in said aperture which is integrally connected to hardened concrete outside of said aperture provides an anchoring device to hold said bushing member in said hardened concrete.

25. (Previously Presented) A panel unit as claimed in claim 24, wherein said at least one aperture in said flange of said bushing member is configured in a generally inwardly directed generally conical shape.
26. (Canceled)
27. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Apndt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 5-

28. (Canceled)

29. (Canceled)

30. (Currently Amended) A panel unit as claimed in claim 62 84 wherein said first connector comprises a connector assembly, said connector assembly comprising:

- (a) a cap member having a flange cap portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to an said first end portion of [[a]] said tie member; and
- (b) a bushing member having a flange portion and an axially aligned shaft portion with an end opposite to said flange portion, said bushing member having a continuous cavity formed in and passing through said flange portion and said shaft portion; said shaft portion of said cap member being receivable axially into said continuous cavity of said bushing member through said flange portion toward said end of said shaft portion for releasable engagement with said end of said tie member extending through said end of said bushing member into said continuous cavity and said end of said bushing member having guide members depending inwardly to guide said first end of said tie member into axial alignment with said opening in said cap portion, said shaft portion of said cap member having a length sufficient such that said cap member can co-operate with said bushing member to provide compression of said first panel member.

31. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Amndt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 6-

32. (Canceled)

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled)

40. (Canceled)

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Canceled)

45. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 7-

46. (Canceled)

47. (Canceled)

48. (Canceled)

49. (Canceled)

50. (Canceled)

51. (Canceled)

52. (Canceled)

53. (Canceled)

54. (Canceled)

55. (Canceled)

56. (Canceled)

57. (Canceled)

58. (Canceled)

59. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Amtd. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 8-

60. (Canceled)

61. (Canceled)

62. (Currently Amended) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:

(a) a pair of spaced apart first and second longitudinally oriented foamed plastic panel members spaced apart by at least one spacer defining a form space between said first and second panel members therebetween;

wherein said first panel member has an inner surface facing an inner surface of said second panel member, and an opposite outer surface, and wherein said second panel member has an outer surface disposed opposite to said inner surface of said second panel member; where said inner and outer surfaces of at least said first panel member having been treated with another plastic material that is different than said foamed plastic material, said another plastic material when laminated to the foamed plastic material making the said first panel member stronger and having non-adhesive properties and comprising a suitable plastic film that is laminated at least to said inner surface and said outer surface of said first panel member, such that the laminated plastic film is connected to said inner surface and said outer surface of said first panel member to strengthen said first panel member without the need for mechanical fasteners and wherein the inner surface of said first panel member will tend not to bond extensively to said hardening or hardened concrete;

(b) [[a]] said spacer being positioned generally within said form space, said spacer comprising at least one transverse tie member secured to said second panel member and

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 9-

extending between said first and second panel members, said transverse tie member having a first end located within said form space and in close proximity to said inner surface of said first panel member, and said transverse tie member having an opposite second end positioned and held within said second panel member between said inner and outer surfaces of said second panel member, said first end of said transverse tie member each being adapted for securing said transverse tie member to a first connector to mount said spacer to first and second panel member[[s]], [[a]] said first connector being operable to connect said first panel member to said transverse tie member, and said first connector being operable to release said first panel member from said tie member[;]].

wherein said first panel member has at least one inner surface treated with a material having non-adhesive properties comprising a suitable plastic film that is laminated at least to said inner surface of said first panel member, such that the inner surface will tend not to bond extensively to said hardening or hardened concrete, and wherein said first connector can be released and at least part of said first connector and said first panel member can be removed when said concrete has hardened.

said second end of said transverse tie member being adapted for securing said transverse tie member to a second connector to position and hold said second end within said second panel member;

wherein the lamination of said inner and outer surfaces with said plastic film permits the material of said first panel member to be slightly compressed by said first connector resulting in the formation of a rigid or semi-rigid connection between said first panel member and said spacer;

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 10-

and wherein said first connector can be released and at least part of said first connector and said first panel member can be removed when said concrete has hardened.

63. (Canceled)
64. (Canceled)
65. (Canceled)
66. (Canceled)
67. (Canceled)
68. (Canceled)
69. (Previously Presented) A panel unit as claimed in claim 62 wherein the suitable plastic film material is polypropylene.
70. (Currently Amended) A panel unit as claimed in claim [[62]] 84 wherein the inner surfaces of both of said first and second panel members are laminated with a suitable plastic film material so that both said first and second panel members can be removed when said concrete has hardened.
71. (Canceled)
72. (Canceled)
73. (Canceled)

Serial No. 10/721,945
Group Art Unit: 3637
Am dt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 11-

74. (Canceled)
75. (Canceled)
76. (Canceled)
77. (Canceled)
78. (Canceled)
79. (Canceled)
80. (Currently Amended) A panel unit as claimed in claim 62 84 wherein said first connector comprises a connector assembly for use in securing a panel member to said spacer with said transverse tie member, said connector assembly comprising:
 - (a) an outer member having an outer retaining portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to an said end portion of said tie member; and
 - (b) a bushing member positioned proximate an inner surface of said first panel member between said first panel member and said second panel member, said bushing member having an axially aligned shaft portion with a first end having proximate thereto a stopping portion, and said shaft portion having an second end opposite to said first end, said bushing member having a continuous cavity formed in and passing through said shaft portion extending from said first end to said second end;

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 12-

said outer retaining portion of said outer member holding said first panel member when subjected to outward forces and said shaft portion of said outer member being receivable into said first panel member axially into said continuous cavity of said bushing member from said first end to said second end of said shaft portion so as to be able to engage said end of said tie member extending through said second end of said bushing member into said continuous cavity, said shaft portion of said outer member also engaging an abutment in said continuous cavity of said bushing member so to limit the extent of axial movement of said shaft portion of said cap member relative to said bushing member toward said second end of said shaft portion of said bushing member;

whereby [[a]] said first panel member can be is held between said outer member and said stopping portion of said bushing member.

81. (Currently Amended) A panel unit as claimed in claim 80 84 wherin [[a]] said second connector associated with said second panel member comprises:

- (a) a cap portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to said opposite end of said tie member, said tie member having an end portion; and,
- (b) a cutting element positioned beneath an under surface of said portion;

whereby when said connector member is rotated to provide a connection with said tie member, said connector member is axially drawn toward said tie member and said cutting element will form a recess in an outer surface of said second panel member for receiving said cap portion, so that said cap portion does not protrude beyond said outer surface of said second panel member and said second panel member can remain in situ after said concrete has hardened.

Serial No. 10/721,945
Group Art Unit: 3637
Amtd. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 13-

82. (New) A panel unit as claimed in claim 62 wherein said second connector has an outer surface that does not protrude beyond the outer surface of said second panel member.
83. (New) A panel unit as claimed in claim 62 wherein said first connector has a shaft portion that passes transversely through an aperture in said first panel member to engage said first end of said transverse member.
84. (New) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:
 - (a) first and second panel members being made from a foamed plastic and spaced apart in a transverse direction to define a form space there between, said first panel member having an inner surface facing said second panel member and an opposed outer surface; said inner surface having non-adhesive properties in relation to hardened concrete held in said form space;
 - (b) a spacer transversely disposed between said first and second panel members and holding said first and second panel members in generally transversely spaced relation to each other, said spacer comprising:
 - i) at least one transverse tie member having a first end and an opposite second end, said first end being adapted for securing said transverse tie member to a first connector associated with said first panel member and a second connector associated with said second end, said first connector being adapted to be removed from the tie member from said outer surface when said form space is filled with hardened concrete, wherein said first end of said tie member being located within close proximity of the said inner surface of said first panel member and having non-adhesive properties against the hardened concrete, and

Serial No. 10/721,945
Group Art Unit: 3637
Amtd. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 14-

the second end of said tie member is positioned between the inner and outer surfaces of said second panel member;

- ii) first and second spaced rod members oriented generally orthogonal to said transverse direction and said first and second rod members being secured to said at least one tie member, said first and second rod members being in generally spaced, parallel and planar relation to each other, wherein said first rod member is in abutting relation with said first connector and second rod member abuts with the inner surface of the said second panel member positioning said second panel orthogonally to said tie member;

wherein said first and second connectors are connected to said at least one transverse tie member such that said first and second panel members are held in slight compression between first and second rod members and the respective first and second connectors, resulting in the formation of a substantially rigid panel unit wherein the said panels are held in a substantially rigid position relative to the said spacer.

85. (New) A panel unit as claimed in claim 84 wherein said second connector has an outer surface that does not protrude beyond the outer surface of the second panel member.

86. (New) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:

- a) first and second panel members being made from foamed plastic and spaced apart in a transverse direction to define a form space there between, said first panel member having inner surface facing to the second panel member and opposed outer surface; said inner surface

Serial No. 10/721,945
Group Art Unit: 3637
Am dt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 15-

having non-adhesive properties in relation to hardened concrete held in said form space;

b) a spacer transversely disposed between said first and second panel members and holding said panel members in generally spaced parallel relation to each other, said spacer comprising:

- (i) first and second spaced transverse tie members oriented generally in a transverse direction and each having a first end and an opposite second end, each said first end being adapted for securing said respective transverse tie member to a connector associated with said first panel member, and each second end being adapted for securing said respective transverse tie member to a connector associated with said second panel, said connectors associated with said first panel being adapted to be removed from the tie member from said outer surface when said form space is filled with concrete;
- (ii) first and second spaced rod members oriented generally orthogonal to said transverse direction and said first and second rod members being secured to and extending between said first and second tie members, said first and second rod members being in generally spaced, parallel and planar relation to each other, wherein said first rod member is in abutting relation with each of said first connectors and second rod member abuts with the inner surface of the said second panel member;

wherein said first and second connectors are connected to said first and second tie members such that said first and second panel members are held in slight compression between first and second rod members and the respective first and second connectors, resulting in the

Serial No. 10/721,945
Group Art Unit: 3637
Amdt Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 16-

formation of a rigid panel unit wherein the said panels are held in a substantially rigid position relative to the said spacer.

87. (New) A panel unit as claimed in claim 86 wherein said second connectors have outer surfaces that do not protrude beyond the outer surface of the second panel member.

88. (New) A panel unit as claimed in claim 86 wherein said inner and exterior surface of said first panel member laminated with a plastic film, wherein said plastic film will tend not to bond extensively to hardening or hardened concrete.

89. (New) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:

(a) first and second panel members, said panel members being spaced apart and oriented generally in a first longitudinal direction, said panel members defining a form space there between;

(b) a spacer comprising:

(i) at least one transverse tie member generally oriented in a second transverse direction that is orthogonal to said first direction, said tie member being secured to and extending between said first and second panel members, said at least one transverse tie member having a first end and an opposite second end each said end being adapted for securing said transverse tie member to a connector to mount said spacer to first and second panel members;

(ii) first and second rod members having first portions oriented generally in a third direction that is orthogonal to both said first and second directions,

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 17-

said first and second rod members being spaced apart in said second transverse direction and said first and second rods being in generally spaced, and generally parallel relation to each other, each of said first and second rod members having end portions that extend from said first portions in a fourth and fifth direction respectively that are oriented at a first angle and a second angle respectively that are between said first and third directions;

- (ii) a first transverse rod member secured proximate to or at said end portion of said first and second rod members and extending generally in said second transverse direction between said first and second rod members;
- (iii) a second transverse rod member secured to said end portions of each of said first and second rod members, said second transverse rod member being spaced in said first and third directions from said first transverse rod member, and said second transverse rod member extending generally in said second transverse direction between said first and second rod members;

wherein said first and second rod members, and said first and second transverse rod members define and provide there between a retaining cell, for receiving there through and retaining an elongated reinforcement member that may be oriented generally in said first or third directions.

90. (New) A panel unit as claimed in claim 89 wherein said fourth and fifth directions are orthogonal to said second transverse direction.

91. (New) A panel unit as claimed in claim 90, wherein said third direction is substantially vertical.

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 18-

92. (New) A panel unit as claimed in claim 89, wherein said first and second rod members have end portions that are oriented at first and second angles that are substantially the same angle.

93. (New) A panel unit as claimed in claim 92, wherein said same angle is between 20 and 40 degrees measured from said first direction.

94. (New) A panel unit as claimed in claim 89 wherein said at least one transverse tie member employed for securing said spacer to said first panel member and connector, comprises one of said first and second transverse rods.

95. (New) A panel unit as claimed in claim 89, wherein each of said first and second rod members has a second end portion opposite to said first end portion, each said second end portions being oriented at a third and fourth angle respectively to said first portions of said first and second rod members, each of said second end portions extending from said first portions in a sixth and seventh directions that are oriented at a third angle and fourth angle respectively that are between said first and third directions, and wherein said spacer further comprises:

- (a) a third transverse rod member secured proximate to or at said second end portion of said first and second rod members and extending generally in said second transverse direction between said first and second rod members;
- (b) a fourth transverse rod member secured to said end portions of each of said first and second rod members, said third transverse rod member being spaced in said first and third directions from said fourth transverse rod member, and said fourth transverse rod member extending generally in said second transverse direction between said first and second rod members;

Serial No. 10/721,945
Group Art Unit: 3637
Amtd. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 19-

said first and second rod members, and said third and fourth transverse rod members configured to define and provide there between a second retaining cell, for receiving there through and retaining a generally vertically oriented reinforcement member.

96. (New) A panel unit as claimed in claim 95, wherein said first and second retaining cells are substantially aligned in said second and third directions and spaced in said first direction to permit a reinforcement member generally oriented in said first direction to be retained in both said first and second retaining cells.

97. (New) A panel unit as claimed in claim 95 wherein said third direction is substantially vertical.

98. (New) A panel unit as claimed in claim 95, wherein said first and second rod members have second end portions that are each oriented at substantially the same angle to said first portions of said first and second rod members.

99. (New) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:

(a) a pair of spaced apart longitudinally oriented foamed plastic panel members defining a form space there between;

(b) a spacer comprising at least one transverse tie member secured to and extending between said first and second panel members, said transverse tie member having a first end and an opposite second end each being adapted for securing said transverse tie member to a connector to mount said spacer to first and second panel members, a first connector being operable to connect said first panel member to said tie member

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 20-

and said first connector being operable to release said first panel member from said tie member;

and wherein said first connector comprises a connector assembly for use in securing a panel member to said spacer with said transverse tie member, said connector assembly comprising:

(i) a cap member having a flange cap portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to an end portion of said tie member; and

(ii) a bushing member having a flange portion and an axially aligned shaft portion with an end opposite to said flange portion, said bushing member having a continuous cavity formed in and passing through said flange portion and said shaft portion,

said shaft portion of said cap member being receivable axially into said continuous cavity of said bushing member through said flange portion toward said end of said shaft portion so as to be able to engage said end of said tie member extending through said end of said bushing member into said continuous cavity

wherein said first panel member is held between said flange portion of said cap member and said flange portion of said bushing member and wherein said cap member can be axially moved toward transverse rod member, such that a panel member can be compressed between said flange portion of said cap member and said flange portion of said bushing member to provide a rigid connection between said connector assembly, said first panel member and said transverse tie member.

Serial No. 10/721,945
Group Art Unit: 3637
Amtd. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 21-

100. (New) A panel unit as claimed in claim 99, wherein a portion of said spacer is held within said second panel member between said inner and outer surfaces such that said second panel member is held in a stable position relative to said spacer.

101. (New) A panel unit as claimed in claim 99 wherein said first panel member has an inner surface facing an inner surface of said second panel member, and an opposite outer surface, and wherein said second panel member has an outer surface disposed opposite to said inner surface of said second panel member and wherein said inner and outer surfaces of at least said first panel member have been treated with a plastic material having non-adhesive properties and comprising a suitable plastic film that is laminated to said inner surface and said outer surface of said first panel member, and wherein said shaft portion of said cap member is displaceable relative to said bushing member whereby said first panel member can be compressed between said flange portion of said cap member and said flange portion of said bushing member.

102. (New) A panel unit for use as part of a concrete form for a concrete wall, said panel unit comprising:

(a) a pair of spaced apart longitudinally oriented foamed plastic laminated panel members defining a form space there between;

(b) a spacer comprising at least one transverse tie member secured to and extending between said first and second panel members, said transverse tie member having a first end and an opposite second end each being adapted for securing said transverse tie member to a connector to mount said spacer to first and second panel members, a first connector being operable to connect said first panel member to said tie member and said first connector being operable to release said first panel member from said tie member;

**RECEIVED
CENTRAL FAX CENTER**

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

SEP 08 2008

-Page 22-

wherein said first connector comprises a connector assembly for use in securing said first panel member to a transverse tie member, said connector assembly comprising:

- (i) a cap member having a flange cap portion and a shaft portion, said shaft portion with an end having an opening adapted to be interconnected to an end portion of a tie member;
- iii) a bushing member having a flange portion and an axially aligned shaft portion with an end opposite to said flange portion, said bushing member having a continuous cavity formed in and passing through said flange portion and said shaft portion;

said shaft portion of said cap member being receivable axially into said continuous cavity of said bushing member through said flange portion toward said end of said shaft portion for releasable engagement with said end of said tie member extending through said end of said bushing member into said continuous cavity; and

said flange portion of said bushing having at least one aperture passing therethrough, said aperture and having an opening for permitting the fluid communication of flowable concrete into said aperture, said aperture being configured such that when concrete flows into and hardens in said aperture, said hardened concrete in said aperture which is integrally connected to hardened concrete outside of said aperture provides an anchoring device to hold said bushing member in said hardened concrete.

103. (New) A panel unit as claimed in claim 101, wherein said at least one aperture in said flange of said bushing member is configured in a generally inwardly directed generally conical shape.

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 23-

104. (New) A panel unit as claimed in claim 83 wherein said first connector comprises a flange cap portion and a shaft portion, said shaft portion having a blind opening with a cavity having a smooth inner wall leading to a threaded cavity extending along said shaft towards said flange cap portion, said first end of said transverse tie member having a plurality of separate circular teeth spaced from each other, said teeth having an outer diameter that is larger than the inner diameter of said threaded cavity in said shaft portion of said first connector, but smaller than the outer diameter of said shaft portion, said shaft portion being made of a material that will elastically deform to receive said teeth of said first end portion of said transverse tie member, such that when said first end of said transverse tie member is forced through said opening into said cavity, said inner wall will bind with said teeth to provide a connection that resists axial loading of said connector tending to pull said rod out of said cavity of said shaft portion of said first connector during filling said concrete form with unhardened concrete.

105. (New) A panel unit as claimed in claim 104, wherein said shaft portion of said connector is made from polypropylene.

106. (New) A panel unit as claimed in claim 62 wherein said second connector comprises:

- (i) a cap portion and a shaft portion that extends transversely into an aperture in said second panel member to engage said second end of said transverse tie member, said shaft portion with an end having a blind opening with a cavity having a smooth inner wall leading to a threaded cavity extending along said shaft towards said flange cap portion adapted to be interconnected to said second end of said tie member;
- (ii) a cutting element positioned beneath an under surface of said portion;

Serial No. 10/721,945
Group Art Unit: 3637
Amdt. Dated: September 8, 2008
Reply to Office Action of June 6, 2008

-Page 24-

wherein said second end of said transverse tie member is made from a metal material and said second end of said transverse shape of a tap with a diameter larger than diameter of said cavity of said shaft portion of said second connector and a length of said second end of said tie rod smaller than a depth of said cavity;

whereby when said second connector is rotated to provide a connection with said second end of said transverse tie member, said second connector is axially drawn toward said second end of said tie member, and said cutting element will form a recess in an outer surface of said second panel member for receiving said cap portion, wherein said cap portion does not substantially protrude beyond said outer surface of said second panel member and said second panel can remain in situ after said concrete has hardened.

107. (New) A panel unit as claimed in claim 104, wherein said cap portion and said shaft portion are made from a rigid plastic material.

108. (New) A panel unit as claimed in claim 84 wherein said spacer comprises said first rod member and second rod member and wherein said first rod member, said second rod member and said transverse tie member form a substantially rigid geometrically stable grid.

109. (New) A panel unit as claimed in claim 108 wherein said spacer comprises a second transverse tie member secured to and extending generally parallel to said first transverse tie member and between said first rod member and said second rod member such that said first rod member, second rod member and said first and second transverse tie members form a substantially rigid geometrically stable grid.